



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT	PAPER NUMBER
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5

DATE MAILED:

INTERVIEW SUMMARY

All participants (applicant, applicant's representative, PTO personnel):

(1) Andrew Olthmans (3) Luke Kilyk
(2) Roy King (4) Christopher Michaluk
Date of Interview 9/11/02 (5) Charles Gray
(6) C.E. Wickersham, Jr., Ph.D.
Type: ☐ Telephonic ☐ Televideo Conference ☒ Personal (copy is given to ☐ applicant ☐ applicant's representative).

Exhibit shown or demonstration conducted: ☐ Yes ☐ No If yes, brief description: _____

Agreement ☐ was reached. ☐ was not reached.

Claim(s) discussed: 1-43, 63-66, 78-119

Identification of prior art discussed: Douglass et al. 3,497,402 ; Shah et al. 6,348,139 B1

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicants and Examiners discussed the rejections over Douglass and Shah. Applicant provided background technical information. Examiners and applicants discussed various strategies to overcome each of the rejection. No agreement was reached.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

☒ It is not necessary for applicant to provide a separate record of the substance of the interview.

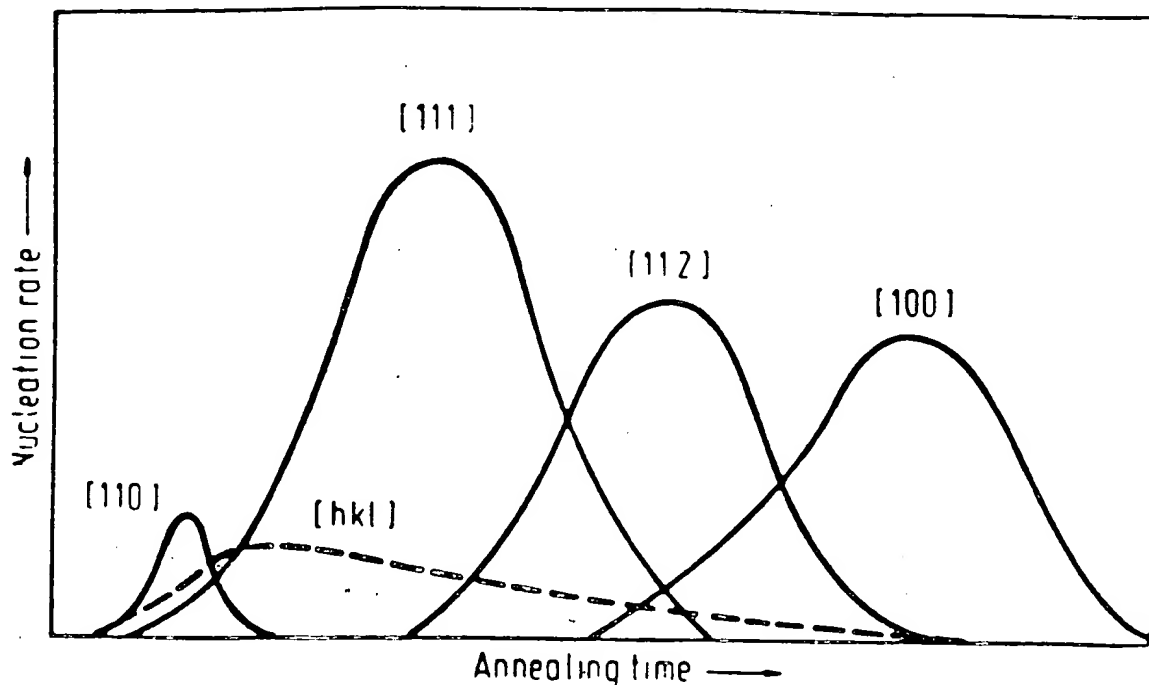
Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

Examiner Note: You must sign this form unless it is an attachment to another form.

TEXTURE RELATED BANDING

2. Theoretical Solutions to Banding

- Reduce Ingot Grain Size
 - ✓ Use VAR Instead of EB
 - Add Grain Refiner
- Optimize Slab Anneal Temperature
 - ✓ Anneal at 1050 C. (or lower)
 - Instead of 1300 C.



REF: Bleck *et al*, Dir. Prop. Mat'ls, 1988